Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_\_

**Biology Homework: Cellular Transport Vocabulary – Sec 7.4**

Directions:

1. Define following terms,
2. Indicate if the process requires energy or not, if applicable, and,
3. Draw a picture of given term or an example of the term

|  |  |  |  |
| --- | --- | --- | --- |
| Term | Definition | Requires energy – yes or no? | Picture/Example |
| **Homeostasis** |  | n/a | http://enotamountainretreat.files.wordpress.com/2011/06/sweating-cartoon.jpg?w=418&h=425  Sweating to lose heat to maintain constant body temperature |
| **Diffusion** |  |  |  |
| **Concentration** |  | n/a | http://www.chemistry.nmsu.edu/Instrumentation/RO1.gif |
| **Dynamic equilibrium** |  | n/a | http://www.stepbystep.com/wp-content/uploads/2013/05/Difference-Between-Static-and-Dynamic-Equilibrium.jpgmolecules continue to move but no change in concentration occurs |
| **Facilitated diffusion** |  |  |  |
| **Osmosis** |  |  |  |
| **Active transport** |  |  |  |
| **Endocytosis** |  |  |  |
| **Exocytosis** |  |  |  |